

## SYSTEM FOR TRANSMITTING DATA BETWEEN SEVERAL SUBSCRIBER STATIONS IN A LOCAL COMMUNICATIONS NET

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Inventor: KEMMLER WOLFGANG (DE); AMIN AMER (DE)

Applicant: SIEMENS NIXDORF INF SYST (DE)

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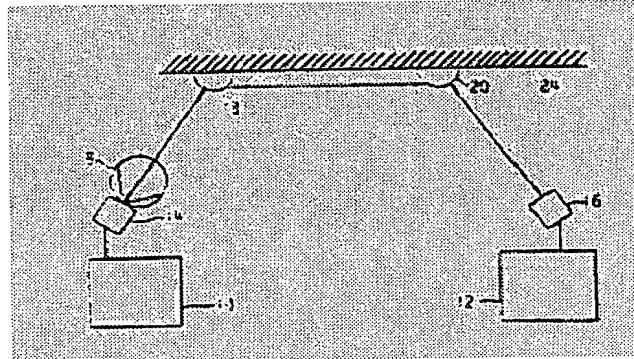
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WO8906459  
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Abstract not available for WO9107028

Abstract of correspondent: DE3937096

The invention concerns a system for transmitting data in half-duplex operation between several subscriber stations (10, 12) in a local communications net, transmission taking place between a subscriber station (10 or 12) and a sub-station (18 or 20) by modulated electromagnetic radiation. The invention calls for data transmission between the sub-stations (18, 20) also by electromagnetic radiation. To transmit binary data, this radiation is impulse-modulated. The sub-stations (18, 20) each emit a pulse in response to the arrival of a pulse. Following arrival of a pulse, the stations (10, 12, 18, 20) are not in a condition to receive at least for a time  $T$  equal to the sum of (a) twice the pulse transit time  $t_1$  between the emitter station and the receiver station located furthest away within emitter range  $R$  and (b) the pulse length  $t_p$ . The new system is highly flexible and can be set up with simple resources.



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